

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [2575] 40 m. band mode suggestions - LOOK OUT!
Message-ID: <Pine.OSF.3.90.950816204940.8661A-100000@govonca2>

After our qrp cw net tonight we had our usual ragchew on 2m repeater. I was informed that 'our' 'national' amateur voice, RAC - Radio Amateurs of Canada - is submitting its recommendations to an IARU conference in Niagara Falls. To wit they are recommending the following for 40 m.

7000-35 CW
7035-40 Digital
7040-50 International Packet

I was not told anything about their 'bids' on any other bands. This information, I assume, is totally provided in a recent issue of The Canadian Amateur, which I shall consult at my library.

Obviously not a great harbinger of the feeling about cw at RAC; it is perhaps though an example of the success of lobbying by other mode users.

I don't know what the U.S. bodies are submitting to IARU at conferences. These are gentleman's agreements, as much as they are adhered to, and as much as gentlemen and ladies exist to follow them.

I would suggest that that the Canadian hams on board give this some thought, and let RAC know what they think, even at this date and after RAC has made its committee's 'decision and recommendation to IARU' public via its journal TCA. I know I am going to let them know.

Typically this is how RAC works, they did the same largely arbitrary thing for VHF/UHF band allocations over a year ago. That, and dropping the qrp column in TCA, and other matters make me NOT a RAC member.

I thought I would make this known, as much as I know now. Of course the U.S. could blow a Canadian decision out of the water by sheer numbers of hams !!!

Brien
Toronto

VE3VAW

pepperb@gov.on.ca

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: miller@swcp.com
Subject: [2584] Broad band noise on 30 meters

Hola Amigos y Amigas (Thanks Luis)

Several days ago, I had posted a note about broad band noise (S-9 @ night) on 30 meters (NEON signs). Well, to close out that note, the owner of the business had called the sign company. A technician had come out & replaced the HV transformer. Evidently, this had cured the problem. The Owner was very kind, the sign company did not ask questions, and all I had to do was show the owner the evidence, actually, allow him to listen to the noise.

Another point of interest, when I had detected cable leakage, on the low end of 2 meters (SSB), and had walked up to a cable company junction box. They were quick to fix that type of problem.

I am impressed.

72...Jay

Jay D. Miller, III

ARS: W A 5 W H N

Internet: miller@swcp.com or wa5whn@rt66.com

Lat. 35 07' 47" N

Long. 106 38' 27.5" W

elevation: 4,984 feet

US Mail: P.O. Box 6552

Albuquerque, NM 87197-6552

USA

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995

From: Paul Harden <pharden@aoc.nrao.edu>
 Subject: [2585] DATA SHEET: DIODES
 Message-ID: <199508171548.JAA27004@zia.aoc.nrao.edu>

NA5N DATA SHEET: SMALL SIGNAL AND RECTIFIER DIODES

Some common preferred devices typical to QRP rigs and as
 available from DigiKey, Mouser Electronics, etc.

***** SMALL SIGNAL DIODES *****											(Pd=50mW)		
DIODE	Bv	Vr	Ir	Vf @ If	Ir @ Vr	Trr	CdM	Cd(pF) @ Vr=					
TYPE	(V)	(V)	(nA)	(V) (mA)	(mA) (V)	(nS)	(pF)	.1v 1v 10v					
1N914	GE	75	75	25 1.0	10 25	20 4000	4	2.3 1.8 1.3					
1N914A	GE	75	75	25 1.0	20 25	20 4000	4	2.3 1.8 1.3					
1N914B	GE	75	75	25 1.0	100 25	20 4000	4	2.3 1.8 1.3					
1N4148	GE	75	75	25 1.0	10 25	20 4	4	2.3 1.8 1.3					
1N4448	GE	100	75	25 1.0	100 25	20 4	4	2.3 1.8 1.3					
1N4150	GE	50	50	50 .7	10 100	50 4	2.5pF Max.						

1N4148 is low storage-time version of 1N914

CHART 1 (See Note 1) Forward V. vs forward current.
 CHART 2 (See Note 1) Capacitance vs. reverse voltage

***** RECTIFIER DIODES (Low Power) *****									
DIODE TYPE	Bv (V)	If (A)	Ifs (A)	Vr(rms) (V)	Ir (uA)	Vf (V)	Trr* (uS)	Cd at 0.1v	Vr= 10v
1N4001	50	1.0A	30A	35v	30	0.8v	3.5	50pF	20pF
1N4002	100	1.0	30A	70	30	0.8v	3.5	50	20
1N4003	200	1.0	30	140	30	0.8v	3.5	50	20
1N4004	400	1.0	30	280	30	0.8v	3.5	50	20
1N5400	50	3.0A	200A	50v	500	1.2v	3.5	50	20
1N5401	100	3.0	200A	100	500	1.2v	3.5	50	20
1N5402	200	3.0	200	200	500	1.2v	3.5	50	20
1N5404	400	3.0	200	400	500	1.2v	3.5	50pF	20pF
Schottky Rectifiers (very low Vf)									
1N5817	20	1.0A	25	14	1000	0.3v		190pF	90pF
1N5818	30	1.0	25	21	1000	0.3v		160	65
1N5819	40	1.0	25	28	1000	0.3v		115	50

CHART 3 (See Note 1) Forward V. vs forward current.
 CHART 4 (See Note 1) Capacitance vs. reverse voltage

Bv= Breakdown v. If=Avg. forward current Ifs=Max. surge current
Ir= Max. DC reverse current Vr(rms)=RMS reverse volt.
Vf= Avg. forward voltage drop Cd=junction capacitance @ given Vr
CdM=Maximum junction capacitance
Trr= Reverse recovery time at If=10mA to 1mA
Trr*=Reverse recovery time at Ir/If=1 (for rectifying AC)

REFERENCES:

1. GE Semiconductor Data Book
2. Motorola Rectifier Device Data Book (DL151/D) 1992
3. Motorola TVS/Zener Device Data Book (DL150) 1992

NOTES to QRP-L subscribers:

1. This raw ascii file are excerpts from a more detailed typeset version being prepared for the <QRP/Experimenters Reference Book> to be published by the Colorado QRP Club. Non-text portions (schematics, charts, graphs, etc.) are neccessarily omitted.
2. The ascii version (i.e., this file) can be reproduced and used by QRP clubs/journals with proper credit to Paul Harden, NA5N. TNX.

From qrp-l@lehigh.edu Fri Aug 18 02:21:00 1995
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [2574] FELIX vs WB3GCK/4
Message-ID: <950817005243_74740.3166_EHB99-1@CompuServe.COM>

After four beautiful days of camping on Virginia's Eastern Shore on the Chesapeake Bay, I had to quickly break camp this morning to avoid the effects of Hurricane Felix. Although the trip was cut short by three days, I did manage some real nice QSOs from down there. No 2-way QRP QSOs, but I had some very nice rag chews on 30 meters. One of those QSOs was with N1RVQ (Larry in Maine). After working Larry on the first day, he answered my CQ the next day to check on us to see how we were doing. W8IHN (Clark in MI) alerted me to the impending nasty weather heading towards the east coast. My thanks to him. In addition to several other domestic contacts, I also worked ON7GB and KG9N/C6A (twice).

The last QSO of the trip was with a 13-year old in Texas named Tim (KC50HY). While I was working Tim early this morning, I could see the clouds forming, and figured that I had better pull the plug and get moving. Tim, by the way, was very interested in my setup. Looks like we'll have a new QRPer in the fold soon.

Although Felix cut my vacation short, it could have been worse. We originally

planned to go to Cape Hatteras, but changed our plans a while back!

73, Craig WB3GCK

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: Brad Mitchell <bmitchel@hobby1.cba.kodak.com>
Subject: [2588] FS: ARGOSY 525 ANALOG
Message-ID: <199508171713.AA07386@hobby1.cba.kodak.com>

POSTING FOR A FRIEND..

for sale argosy 525 analog.
with the following options:

217: 500 Hz cw filter
223: Noise Blanker
224: Audio CW filter
Xtal Calibrator
Matching Ten Tec Supply 979

Very Good Condition
With Manual
\$450.00

Call Scott, KB2GWF at (716) 367-9826

73 Brad WB8YGG

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: brian.carling@acenet.com (Brian Carling)
Subject: [2582] I'm BACK!!!!
Message-ID: <2a6.39653.500@acenet.com>

The GOOD news:

YAY! After two weeks of "down" E-mail delivery, I am pleased to announce that the ACENET BBS is now finally giving me my E-mail again!

The BAD news:

Every message that anyone sent to me for the last two weeks has been lost! So please repeat anything that you sent my way if you still have it on file. (or if you can remember what we were talking about last

time!) I was on vacation for ten days before all of this, so no doubt I have lost a boat load of mail.

I look forward to hearing from you again.
Please keep in touch! All the best - Brian
brian.carling@acenet.com

SLMR 2.1a "This is good music.", said Data, composing himself.

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: brian.carling@acenet.com (Brian Carling)
Subject: [2583] My "Cyber-disappearance"
Message-ID: <2a6.39673.500@acenet.com>

Well folks, it's been a couple of weeks now since ANY E-mail or listserv messages have arrived for me here at good old brian.carling@acenet.com

And here is the explanation from our SYSOP/Postmaster/System Administrator here:

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Subject: [2595] Neophyte Receiver
Message-ID: <9508172254.AA22267@philadelphia.libertynet.org>

Has anyone built the Neophyte Receiver? Is there any kits that are similar to the Neophyte?

Thanks and 72

--

Adam O'Donnell, N3RCS
Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: miller@swcp.com
Subject: [2592] OHR 4 bander

Hola Amigos y Amigas,

Via 2nd day, US Mail, arrival today of the OHR 4 band Xcvt kit from Radio Devices (KD1GG, Bob Levine, bob@raddev.com) to my QTH. Hopefully, by Halloween, it will be finished. Will let the group know of my experiences, with this kit & by Xmas, the NorCal Sierra kit from Wilderness Radio. Wait until QRP AField '96, I will be ready for 2B, or not 2B, that is the question. (2 battery category). Well, that zeros out my radio budget for '95. Hmmm, wonder if Mrs. Santa is monitoring this server list ?

72...Jay

Jay D. Miller, III

ARS: W A 5 W H N

Internet: miller@swcp.com or wa5whn@rt66.com

Lat. 35 07' 47" N
Long. 106 38' 27.5" W

elevation: 4,984 feet

US Mail: P.O. Box 6552

Albuquerque, NM 87197-6552

USA

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Subject: [2573] Receiver question
Message-ID: <9508162352.AA29696@philadelphia.libertynet.org>

I have a question for you receiver guys.

I have been eyeing over this receiver kit from TenTec DC Receiver kit. To tune the thing, there is a separate BandSet and BandSpread controls.

I believe that the BandSet control is like a "rough" tune and the other is a fine tune. Is this correct?

Also, how would I figure out what frequency I would be on if there was two separate tuning controls?

Thanks and 72

--

Adam O'Donnell, N3RCS
Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: "John A. Zaruba Jr." <71441.1627@compuserve.com>
Subject: [2577] S & S Engineering QRP Rigs
Message-ID: <950817033731_71441.1627_FHJ79-1@CompuServe.COM>

Hello All,

I've been getting this list for about a week now and I haven't see anything about S & S Engineering's line of rigs. Nobody using them, or were they a hot topic weeks/months ago and I missed the boat as usual.

I have an ARK 30 up and running on 30 meters, an ARK 4 about 30% complete on the workbench, and a TAC1/80 meters in the box for the next project. Seems like I get talking to Dick (KA3ZOW) at various hamfests, and walk away with radios. I love my ARK 30, but it does have a couple of minor flaws (like the loves of anyones life). The sidetone is WAY too loud and I haven't wanted to take the rig out of service long enough to figure out how to lower it, and the clicking of the antenna T/R relay can get annoying.

On a QRP related note, has anyone tried QRP via OSCAR? I've gotten a

couple of confirmed QSO's on RS-10/11 running 2 watts @144 Mhz to a 12db circ polarized yagi, and a Mosely TA-33 as a downlink antenna.

The biggest problem I have is what to do when I get in the shack. Work 30 meters, build radios, or play on the satellites. An embarrasement of riches(as far as choices).

Best Regards,

John AA2BN

QRP ARCI # 7293 AMSAT-NA# 22683

71441.1627@compuserve.com
AO-16, KO-23
aa2bn@kf2aw.#snj.nj.noam

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: bkmak@airmail.net (Bob Kmak)
Subject: [2578] SW-30
Message-ID: <199508171223.HAA11129@gateway.airmail.net>

Hello gang,

I've been on this list about a week and have noticed a lot of praise for the SW-30. Can anyone tell me where to get more info on this kit? Thanks in advance.

73,

Bob

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: werner@itis.com (David Werner)
Subject: [2576] Re: 40 m. band mode suggestions - LOOK OUT!
Message-ID: <199508170132.UAA03592@tower.itis.com>

>7000-35 CW
>7035-40 Digital
>7040-50 International Packet

>
>Obviously not a great harbinger of the feeling about cw at RAC; it is
>perhaps though an example of the success of lobbying by other mode users.
>
>I thought I would make this known, as much as I know now. Of course the
>U.S. could blow a Canadian decision out of the water by sheer numbers of
>hams !!!
>
>Brien
>VE3VAW

Let's not forget that God is on our side as well...

I wouldn't worry too much about that brain dead proposal.

Arrogantly yours,

Dave (AA90L)

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [2579] Re: 40 m. band mode suggestions - LOOK OUT!
Message-ID: <9508171242.AA19698@rgfn.epcc.Edu>

Ref. the posting from Brien, VE3VAW - looks like another assault on the 7040 calling frequency. Since the ARRL has put forth the digital usage of this frequency in recent years, I am sure they will probably support the Canadian view. In that regard, I guess it is time for the QRP ARCI and other QRP organizations in the U.S. to collectively put forth ideas for another QRP calling/working frequency on 40 and possibly 20 meters. I suggest a strong look at 7.030+/- to coincide with the European plan. 20 meters was mentioned only because it appears that the digi fellows are increasingly gathering in the 14058-14062 area and it sure makes it hard to hear a QRP signal.
Ray, W5XE/V31XE, El Paso, Tx

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: JCoote@aol.com
Subject: [2593] Re: 40 m. band mode suggestions - LOOK OUT!
Message-ID: <950817164657_77150098@emout04.mail.aol.com>

An opinion....

I think digital operations should stay above 7060 or 7070.... and I operate "digital". There are enough CW operators in North America to justify it.

I enjoy packet, pactor, gtor, amtor as much as I like CW and CW-QRP but I don't want the (perceived*) population pressures on the digital sub-bands to encroach on the CW sub-bands.

Some digital operators will just have to clean up their act- practice coordination for the different modes (AMTOR/GTOR/Clover/PacTOR/RTTY/Packet) as well as coordinate the different digital services (forwarding, gateways, mailboxes, BBSes and live QS0s)

*(Footnote) Perhaps the "population pressures" of the digital bands would be nonexistent if better frequency and mode coordination were practised?

72/3

Jay

WB6AAM @K6VE.#SOCA.CA.USA.NA

From qrp-l@lehigh.edu Fri Aug 18 02:21:00 1995

From: dgf@netcom.com (David Feldman)

Subject: [2586] Re: Broad band noise on 30 meters

Message-ID: <199508171557.IAA05102@netcom14.netcom.com>

>Another point of interest, when I had detected cable leakage,
>on the low end of 2 meters (SSB), and had walked up to a
>cable company junction box. They were quick to fix that type
>of problem.

>

>I am impressed.

Just FYI, if you find a cable tv leakage problem, call the cable company IMMEDIATELY. They shouldn't hassle you. Cable TV leaks are really bad news for a lot of reasons, and the cable company will invariably work hard to fix the leak. The FCC establishes leakage standards and there are companies that get PAID BY CABLE TV companies to survey for leakage. If you call the cable company and they don't give you a sensible answer, just ask for the engineer or technician in charge. Many of them are hams, to boot.

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: Dave Williamson <dcwill@ix.netcom.com>
Subject: [2591] Re: EDB BBS articles that aren't
Message-ID: <199508171908.MAA28547@ix3.ix.netcom.com>

Two questions come up - how does one subscribe to EDN, and what's the number to their BBS?

Thanks in advance es 1/73rd de aa4zx/8

>> Sorry to bother you, but I wondered if you could offer some guidance. I
>> wandered around the EDN BBS your referenced and was unable to find either
>> article/item. I have no idea as to what I am doing wrong. Any ideas?
>> Thanks.

>>

>> 73, Bob AC4QO Bob_Scott@cpqm.saic.com

>Bob-

> You piqued my curiosity. I hadn't logged onto the EDN BBS in over a
> year, so I decided to dial in this morning and take a look around. I don't
<snip>

> 73's de WB6TPU, Ray

> raymonda@radium.eng.sun.com

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Subject: [2594] Re: EDN BBS articles that aren't
Message-ID: <9508172014.AA06553@radium.Eng.Sun.COM>

>

> Two questions come up - how does one subscribe to EDN, and what's the number
> to their BBS?

>

> Thanks in advance es 1/73rd de aa4zx/8

>

The phone #'s are: (617) 558-4470 300/1200/2400 8,N,1

or

(617) 558-4241 " " " "

or

(617) 558-4580 9600

To subscribe, write:

EDN

8773 South Ridgeline Blvd.
Highlands Ranch, CO 80126-2329

Subscription is free as long as they think you have anything at all to do with electronics. The fine print claims that the rate for "unqualified" subscribers is \$136/year, but NO one that I know has ever payed a red-cent. Telling them you are a radio communications consultant is good enough to get you on the "qualified" free list.

72 de WB6TPU, Ray

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: frank@yorks.demon.co.uk (Frank, G3YCC)
Subject: [2590] Re: MFJ 9420 SSB Rig Performance
Message-ID: <6523@yorks.demon.co.uk>

Hi, like you I enjoy the rig and have worked a large number of stations with it, using my mini dipole.
The only mods I have done are to put a headphone socket on the back and to add a phono socket for antenna as well as the so239 as supplied. The other enforced mod was to add a fuse holder as, guess what I had the power connected the wrong way round once. So the internal pcb fuse blew (Thank goodness!)
Have fun on 20m SSB, hop[e to work u on it!

72/3

--

Frank G3YCC (G QRP 042)
Email: frank@yorks.demon.co.uk

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: Bob Levine <levine@mc.com>
Subject: [2581] Re: OHR 4 bander
Message-ID: <9508171340.AA00395@fugu>

----- Begin Included Message -----
Ola Amigos & Amigas,

I was chatting with Bob Levine, of Radio Devices. Bob had informed me that there was some problem with the paint job, on the chassis of the OHR 4 band kits. I did not receive a ship date, but Bob had informed me

that they would ship, once this paint issue is resolved. This conversation, via email, had taken place last week. I have the dual band (20/40) Xcvt from OHR, other than some minor mods, to cure the AGC thumping (strong signals), it works fine, a bit on the large (physical) side for backpacking, but for camping, OK.

----- End Included Message -----

I have been away from email for a few days, so sorry if the resolution of this issue is already known....

The OHR-400 (4 bander) is available and all orders from Radio Devices were shipped out Monday and Tuesday (8/14,8/15). The new paint process didnt meet Oak Hills expectations on the outside surfaces of the enclosures so they had to be re-done, hence the delay.

The kits are \$309.95 including Priority Mail shipping to anywhere in the continental US. Radio Devices also offers \$10 discount on this kit for prepaid cash/ck/MO orders. If you want to receive the data sheet for this kit (or any/all of the Oak Hills kits, please reply by email NOT TO THIS ACCOUNT, but to bob@raddev.com please.

Thanks,
Bob

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: "Greg Taylor" <GTAYLOR@TAEX003N.tamu.edu>
Subject: [2587] Re: Response to QRP info needed
Message-ID: <1EF2AA10FD8@taex003n.tamu.edu>

Send reply to: adams@chuck.dallas.sgi.com
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: Response to QRP info needed
Date sent: Wed, 16 Aug 1995 14:42:22 EDT

1. Good show on the survey.
2. Surprised that this group would be anti-tuner/anti-long wires. Hmmm.
I see there is some work to be done here. :-)

Me too....its worked for me for years.....do wonder if anyone has looked at efficiency of tuners commonly used by qrpers a la the articles on this subject in that were in QST earlier this year?

Greg, KD4HZ

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: frank@yorks.demon.co.uk (Frank, G3YCC)
Subject: [2589] Re: Response to QRP info needed
Message-ID: <6493@yorks.demon.co.uk>

Hi. The 72 message originated I am told in the Russian block and stands for "Good Luck with QRP", as far as I know.

Have fun...

72!

--

Frank G3YCC (G QRP 042)
Email: frank@yorks.demon.co.uk

From qrp-1@lehigh.edu Fri Aug 18 02:21:00 1995
From: Bob Nygren <rnygren@epix.net>
Subject: [2580] Re: S & S Engineering QRP Rigs
Message-ID: <Pine.SUN.3.91.950817074833.1823A-100000@mango.epix.net>

Hi John,

I've been running the TAC-1 (80 meters) for two months or so. As my first QRP kit, (other than the OHR wattmeter), construction went well. I was impressed with the quality of the manual and parts.

The only negative comment is that somewhere between the prototype review, (QRP Quarterly April), and production, the integrated keyer was dropped. I don't plan on backpacking with the rig, so using one of my keyers is not a major problem. But on occasion it is inconvenient to carry the extra box.

Yes, I would still buy it again today even without the keyer.

I hope to see you on 80 when the seasons change. (Its lonely and noisy this time of year!)

73, Bob WA3YON